

PATENT  
32860-000784/US

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant(s): Björn HEISMANN et al.  
Int'l Application No.: PCT/DE03/00818  
Application No.: **NEW APPLICATION**  
Filed: September 21, 2004  
For: **COMPUTER TOMOGRAPH COMPRISING ENERGY  
DISCRIMINATING DETECTORS**

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**INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION CONCURRENT WITH THE  
FILING OF A NEW PATENT APPLICATION)**

U.S. Patent and Trademark Office  
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September 21, 2004

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

**I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

**II. COPIES**

- ☐ Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☒ This application is a National Phase of a PCT application. All of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should be forwarded from the International Search Authority. If copies are needed, please contact the undersigned.

- ☐ Because the present application is being filed after June 30, 2003, no copies of the U.S. patents or U.S. patent application publications which are listed on the attached Form 1449 are enclosed pursuant to the waiver of 37 C.F.R. § 1.98(a)(2)(i). Any foreign patent documents or non-patent literature listed on the attached Form 1449 are enclosed herewith.

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)

a. ☐ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

b. ☒ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

Many of the documents have been discussed in the PCT Search Report, the PCT Preliminary Examination Report, and/or throughout the specification. The PCT Search Report and PCT Preliminary Examination Report, along with a German translation aid translating key terms into English, indicate the degree of relevance found by the PCT Office, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

c. ☒ **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(A)(3).

d. ☒ **OTHER**

The following additional information is provided for the Examiner's consideration.

German Translation Aid, International Preliminary Examination Report (PCT/IPEA/416 and PCT/IPEA/409)

New PCT National Phase Application  
Docket No. 32860-000784/US

FEES

This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 08-0750.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 08-0750 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

HARNESS, DICKEY & PIERCE, P.L.C.

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Enclosures: ☒ Form PTO-1449(s)  
☒ Documents  
☒ Foreign Search Reports  
☒ Other: German Translation Aid

DT15 PCT/PTO 21 SEP 2004

<b>Form PTO-1449</b>  <b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>  (Use several sheets if necessary)	<b>ATTY DOCKET NO.</b> 32860-000784/US	<b>APPLICATION NO.</b> <b>NEW APPLICATION</b>
	<b>APPLICANT(S)</b> Björn HEISMANN et al.	<b>CONF. NO.</b> Unknown
	<b>FILING DATE</b> September 21, 2004	<b>GROUP</b> Unknown

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	4,651,005	03/17/1987	BABA et al.			
	US 6,355,923 B2	03/12/2002	PYYHTIÄ et al.			
	US 6,248,990 B1	06/19/2001	PYYHTIÄ et al.			

**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
						YES	NO
	DE 697 11 902 T2	11/14/2002	GERMANY				NO
	JP 2000-189409	07/11/2000	JAPAN			Abst.	
	DE 199 04 904 A1	08/10/2000	GERMANY			Abst.	
	DE 101 27 267 A1	12/19/2002	GERMANY			Abst.	
	EP 0 782 375 A1	07/02/1997	EUROPE			Yes	

**OTHER DOCUMENTS** (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.

	E. HELL et al., "The evolution of scintillating medical detectors", Nuclear Instruments and Methods in Physics Research Section A, 2000, Pgs. 40-48
	A. SHOR et al., "Spectroscopy with pixelated CdZnTe gamma detectors – experiment versus theory", Nuclear Instruments & Methods in Physics Research Section A, 2000, Pgs. 47-54
	SCHMIDT, "Meßelektronik in der Kernphysik", B.G. Teubner Stuttgart 1986, Pgs. 169-177

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.